

13585 NE Whitaker Way • Portland, OR 97230 Phone (503) 255-5050 • Fax (503) 255-0505 www.horizonengineering.com

Project No. 4980

March 26, 2014

Rick Wilkinson Clearwater Paper Corporation PO Box 1126 Lewiston. ID 83501

Mr. Wilkinson,

Enclosed is a revised Table 1 from Section 4.1 of the Pre-Test Feasibility Study on the M&D No. 1 and No. 2 Sawdust Digesters. The testing was done December 2-5, 2013. The methanol results have been revised. The changes are summarized and explained in this letter.

Revision:

The average methanol concentration, measured at Sample Point 1a, M&D No. 1, changed from 135 ppm to 4,038 ppm.

Explanation:

A modified EPA Method 308 sampling train collected a sample for methanol analysis from Sample Point 1a, M&D No. 1. The total volume of condensate collected was 1,315 ml. Rather than retain this large volume of process liquid, an aliquot was transferred to a sample container that was later submitted to the analytical laboratory. It was noted on the Chain of Custody that the sample submitted to the lab was not the full volume of condensate collected, but an aliquot. The laboratory report provided results in total micrograms. During data processing, the result of 9,800 micrograms was incorrectly associated with the total volume of condensate (1,315 ml) rather than the volume of the aliquot (43 ml).

This mistake came to our attention when preparing a sample calculation for the EPA to support the statement "Based on the EPA Method 308 results obtained from the pre-test feasibility study, up to 95% dilution air could have been added without driving the MeOH below the analytical detection limit."

These revisions are for your internal information and for distribution to the appropriate regulatory agency.

If you have questions or other concerns, please contact us.

Respectfully submitted,

Margery P. Heffernan Project Coordinator Horizon Engineering, LLC

MPH